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In the Claims

Cancel without prejudice originally filed claims 1-19 and *add* new claims 20-66.

(1)
A9
--20. A reinforcement for prefabricated concrete panels, comprising profiles to be embedded in a concrete body of a panel, said profiles comprising longitudinal profiles and transverse profiles, said longitudinal profiles being reciprocally connected by means of said transverse profiles so as to form a frame, wherein at least some of said longitudinal profiles or said transverse profiles have perforations and undulations which are suitable to increase the bonding between the reinforcement and the concrete body of the panel.--

--21. The reinforcement according to claim 20, wherein said profiles have a substantially C-shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing.--

--22. The reinforcement according to claim 20, wherein said profiles have a substantially Z-shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing which has at least two portions inclined with opposite inclinations.--

--23. The reinforcement according to claim 22, wherein said intermediate wing has a central portion and two end portions which are joined to said end wings and are arranged on planes substantially perpendicular to the planes on which said end wings are arranged, said central portion being connected to said end portions by said two inclined portions.--

--24. The reinforcement according to claim 20, wherein said undulations are comprised on coplanar portions of said profiles.--

--25. The reinforcement according to claim 20, wherein said undulations are comprised on non-coplanar portions of said profiles.--

--26. The reinforcement according to claim 21, wherein said perforations are formed both in said end wings and in said intermediate wing.--

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--27. The reinforcement according to claim 20, wherein said undulations are comprised on regions between said perforations.--

--28. The reinforcement according to claim 20, wherein said undulations are comprised on an edge of said perforations.--

--29. The reinforcement according to claim 20, wherein said undulations have a constant height.--

--30. The reinforcement according to claim 20, wherein said undulations have a height or depth which increases toward the edges of the profiles.--

--31. The reinforcement according to claim 20, wherein said undulations have parallel sides.--

--32. The reinforcement according to claim 20, wherein said undulations have sides which are inclined with respect to each other.--

--33. The reinforcement according to claim 20, wherein said undulations have intersecting sides.--

--34. The reinforcement according to claim 21, wherein in said intermediate wing there are perforations which are suitable to support inserts which can be embedded in the concrete body of the panel and can be used to lift said panel.--

--35. The reinforcement according to claim 20, wherein in said frame at least longitudinal sides thereof are constituted by two of said profiles which are coupled by means of two end wings thereof.--

--36. The reinforcement according to claim 20, wherein said profiles are made of metal and said undulations are formed by plastic deformations of said profiles.--

--37. A prefabricated concrete panel, comprising the reinforcement according to claim 20.--

8617 --38. A reinforcement for prefabricated concrete panels, comprising profiles to be embedded in a concrete body of a panel, at least some of said profiles having perforations and undulations which are suitable to increase the bonding between the reinforcement and the concrete body of the panel, wherein

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said profiles have a substantially -shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing which has at least two portions inclined with opposite inclinations.--

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cont
--39. The reinforcement according to claim 38, wherein said intermediate wing has a central portion and two end portions which are joined to said end wings and are arranged on planes substantially perpendicular to the planes on which said end wings are arranged, said central portion being connected to said end portions by said two inclined portions.--

--40. The reinforcement according to claim 38, comprising a frame which is composed of longitudinal profiles which are reciprocally connected by transverse profiles, at least some of said profiles of the frame having said perforations and undulations suitable to increase the bonding between said profiles and the concrete body of the panel.--

--41. The reinforcement according to claim 38, wherein said undulations are comprised on non-coplanar portions of said profiles.--

--42. The reinforcement according to claim 38, wherein said undulations are comprised on coplanar portions of said profiles.--

--43. The reinforcement according to claim 38, wherein said undulations are comprised on regions between said perforations.--

--44. The reinforcement according to claim 38, wherein said undulations are comprised on an edge of said perforations.--

--45. The reinforcement according to claim 38, wherein said undulations have a constant height.--

--46. The reinforcement according to claim 38, wherein said undulations have a height or depth which increases toward the edges of the profiles.--

--47. The reinforcement according to claim 38, wherein said undulations have parallel sides.--

--48. The reinforcement according to claim 38, wherein said undulations have sides which are inclined with respect to each other.--

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--49. The reinforcement according to claim 38, wherein said undulations have intersecting sides.--

--50. The reinforcement according to claim 40, wherein in said frame at least longitudinal sides thereof are constituted by two of said profiles which are coupled by means of two end wings thereof.--

A9 Cont
~~--51. The reinforcement according to claim 38, wherein said profiles are made of metal and said undulations are formed by plastic deformations of said profiles.--~~

--52. A prefabricated concrete panel, comprising the reinforcement according to claim 38.--

Sub B2
~~--53. A reinforcement for prefabricated concrete panels, comprising profiles to be embedded in a concrete body of a panel, at least some of said profiles having perforations and undulations which are suitable to increase the bonding between the reinforcement and the concrete body of the panel, wherein said undulations are comprised on non-coplanar portions of said profiles.--~~

--54. The reinforcement according to claim 53, comprising a frame which is composed of longitudinal profiles which are reciprocally connected by transverse profiles, at least some of said profiles of the frame having said perforations and undulations suitable to increase the bonding between said profiles and the concrete body of the panel.--

--55. The reinforcement according to claim 53, wherein said profiles have a substantially C-shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing.--

Sub B3
~~--56. The reinforcement according to claim 53, wherein said profiles have a substantially C-shaped transverse cross-section, with two substantially parallel end wings joined by an intermediate wing which has at least two portions inclined with opposite inclinations.--~~

--57. The reinforcement according to claim 53, wherein said undulations are comprised on regions between said perforations.--

--58. The reinforcement according to claim 53, wherein said undulations are comprised on an edge of said perforations.--

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--59. The reinforcement according to claim 53, wherein said undulations have a constant height.--

--60. The reinforcement according to claim 53, wherein said undulations have a height or depth which increases toward the edges of the profiles.--

A9 --61. The reinforcement according to claim 53, wherein said undulations have parallel sides.--

--62. The reinforcement according to claim 53, wherein said undulations have sides which are inclined with respect to each other.--

--63. The reinforcement according to claim 53, wherein said undulations have intersecting sides.--

--64. The reinforcement according to claim 55, wherein in said intermediate wing there are perforations which are suitable to support inserts which can be embedded in the concrete body of the panel and can be used to lift said panel.--

--65. The reinforcement according to claim 53, wherein said profiles are made of metal and said undulations are formed by plastic deformations of said profiles.--

--66. A prefabricated concrete panel, comprising the reinforcement according to claim 53.--